IN THE CLAIMS:

1. (Currently Amended) A resin composition comprising:

(A) particles prepared by bonding

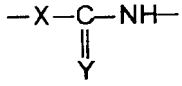
at least one oxide of an element selected from the group consisting of silicon, aluminum, zirconium, titanium, zinc, germanium, indium, tin, antimony, and cerium, and

an organic compound which includes a polymerizable unsaturated group,

(B) an ~~oligomer-type radiation~~ oligomeric polymerization initiator having recurring units ~~and a site which can generates photo-radicals by irradiation of radioactive rays~~, and

(C) a compound having at least two polymerizable unsaturated groups in the molecule.

2. (Original) The resin composition according to claim 1, wherein said organic compound includes the group shown by the following formula (1) in addition to the polymerizable unsaturated group,



(1)

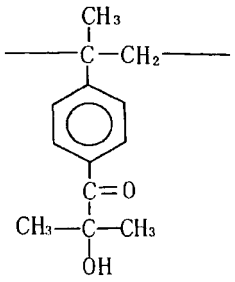
wherein X represents NH, O (oxygen atom), or S (sulfur atom), and Y represents O or S.

3. (Original) The resin composition according to claim 1, wherein the organic compound includes a group represented by [-O-C(=O)-NH-] and at least one of the groups represented by [-O-C(=S)-NH-] or [-S-C(=O)-NH-].

4. (Original) The resin composition according to claim 1, wherein the organic compound is a compound having a silanol group or a compound which forms a silanol group by hydrolysis.

5. (Currently Amended) The resin composition according to claim 1, wherein the weight average molecular weight of ~~the oligomer-type radiation~~ said oligomeric polymerization initiator is in the range from 400 to 10,000.

6. (Currently Amended) The resin composition according to claim 1, wherein ~~the recurring unit in the oligomer-type radiation polymerization initiator (B) is a divalent organic group shown~~ said recurring units are represented by the following formula (3)~~:~~ :

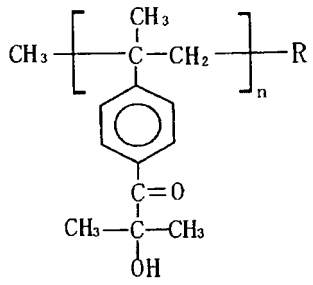


(3)

7. (Currently Cancelled)

8. (Original) A cured product produced by curing the resin composition according to claim 1.

9. (New) The composition of claim 1, wherein said oligomeric radiation polymerization is represented by the following formula (4):



(4)

wherein R represents an organic mono-valent group, and

n represents an integer from 2 to 45.

10. (New) The composition of claim 1, wherein said compound having at least two polymerizable unsaturated groups is selected from the group consisting of dipentaerythritol hexa(meth)acrylate, dipentaerythritol penta(meth)acrylate, pentaerythritol tetra(meth)acrylate, and ditrimethylolpropane tetra(meth)acrylate.

11. (New) The composition of claim 9, wherein said compound having at least two polymerizable unsaturated groups is selected from the group consisting of dipentaerythritol hexa(meth)acrylate, dipentaerythritol penta(meth)acrylate, pentaerythritol tetra(meth)acrylate, and ditrimethylolpropane tetra(meth)acrylate.

12. (New) The composition of claim 1, wherein said composition comprises, relative to the combined weight of particles (A) and compound (C), 10-95 wt% of compound (C).

13. (New) The composition of claim 1, wherein said composition comprises, relative to the combined weight of particles (A) and compound (C), 30-95 wt% of compound (C).

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14. (New) The composition of claim 11, wherein said composition comprises, relative to the combined weight of particles (A) and compound (C), 10-95 wt% of compound (C).

15. (New) A process comprising:

coating a substrate with the composition of claim 1, and

curing the composition of claim 1.

16. (New) A process comprising:

coating a substrate with the composition of claim 11, and

curing the composition of claim 11.